

# PATENT APPLICATION

Atty. Docket No.: 4164-55  
Applicant: Acres, Ginsburg, Wiebensen  
Examiner: J. Schaaf

Serial No. 08/922,046  
Filing Date: September 2, 1997  
Group: 3711

part #9

The items on pages 1 and 2 were previously submitted and reviewed by Examiner Schaaf in U.S. Patent Application Serial No. 08/465,717, filed on June 6, 1995, now U.S. Patent No. 5,836,817. Copies of these documents are consequently not provided pursuant to 37 CFR § 1.98(d).

The items listed on page 3 are being submitted to Examiner Schaaf for review in U.S. Patent Application Serial No. 08/922,046 along with copies of each document.

## INFORMATION DISCLOSURE CITATION FORM PTO-1449 (Modified)

### U.S. PATENT DOCUMENTS

Exam Init	Ref	Document Number	Issue Date	Name	Class	Sub- Class	Filing Date
<u>RS</u>	—	3,659,284	4/25/72	Rusch	340/324A/178/6.85/27/69		
<u>FS</u>	—	3,796,433	3/12/74	Fraley et al	273/138A		6/14/71
<u>HS</u>	—	3,819,186	6/25/74	Hinterstocker	273/138 A		6/7/72
<u>KS</u>	<u>KS</u>	4,582,324	4/15/86	<del>463</del> Koza et al	<del>463</del> A63F 9/22		1/4/84
<u>IS</u>	—	4,856,787	8/15/89	Itkis	<del>273</del> A63F 3/06	<del>273</del> 273/237	5/3/88
<u>JS</u>	—	4,926,996	5/22/90	Eglise et al.	<del>194</del> G07F 7/10	<del>194</del> 194/212	6/22/87
<u>OS</u>	—	4,922,420	5/1/90	Nakagawa et al.	<del>463</del> G06F 12/06	<del>463</del> 463/29	6/23/87
<u>BS</u>	—	4,948,138	8/14/90	Pease et al.	<del>463</del> A63B 71/00	<del>463</del> 463/21	10/21/85
<u>FS</u>	—	5,043,887	8/27/91	Richardson	<del>463</del> G06F 15/44	<del>463</del> 463/19	3/28/89
<u>JS</u>	—	5,072,381	12/10/91	Richardson et al.	<del>463</del> G06F 15/44	<del>463</del> 463/19	3/9/90
<u>FS</u>	—	5,159,549	10/27/92	Hallman, Jr. et al.	<del>463</del> G06F 15/44	<del>463</del> 463/26	4/16/87
<u>JS</u>	—	5,224,706	7/6/93	Bridgeman et al.	<del>463</del> A63F 1/00	<del>463</del> 463/13	9/23/91
<u>JS</u>	—	5,286,023	2/15/94	Wood	<del>463</del> A63F 3/06	<del>463</del> 463/20	11/20/91

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—	5,332,219	7/26/94	Marnell, II et al.	463/15 A63F 1/00	10/8/92
—	5,321,241	6/14/94	Craine	463/25 G06F 15/28	3/19/93
—	5,351,970	10/4/94	Fioretti	463/19 A63F 5/06	9/16/92
—	5,370,399	12/6/94	Liverance	463/23 A63F 9/22	4/24/92
—	5,398,932	3/21/95	Eberhardt et al.	463/29 A63F 9/22	12/21/93
—	5,401,024	3/28/95	Simunek	463/18 A63F 9/12	5/9/94
—	5,410,590	4/25/95	Blood et al.	379/47 H04M 17/00	2/18/92
—	5,472,194	12/5/95	Breeding et al.	463/27 A63F 1/00	4/2/93
—	5,488,411	1/20/96	Lewis	348/8 H04N 7/173	3/14/94
—	5,507,489	4/16/96	Reibel et al.	463/7 A63F 9/24	9/30/93
—	5,511,781	4/30/96	Wood et al.	463/13 A63F 1/00	2/17/93
—	5,524,888	6/11/96	Heidel	463/22 G07F 17/34	4/28/94
—	5,542,669	8/6/96	Charron et al.	463/3 A63F 9/00	9/23/94
—	5,586,937	12/24/96	Menashe	463/41 A63F 9/22	5/19/94
—	5,603,659	2/18/97	Okada	273/121B A63F 9/00	8/8/94
—	5,651,057	7/22/97	Blood et al.	379/106 MH04M 11/00	2/18/92

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Please see note at top of page 1. Items below are newly submitted.

### U.S. PATENT DOCUMENTS

<u>Exam Init</u>	<u>Ref</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub- Class</u>	<u>Filing Date</u>
<u>JS</u>	<u>✓</u>	4,652,998	3/24/87	Koza et al.	364	412	1/4/84 ✓
<u>JS</u>	<u>✓</u>	5,179,517	1/12/93	Sarbin et al.	364	410	9/22/88 ✓
<u>JS</u>	<u>✓</u>	5,242,163	9/7/93	Fulton	273	85 CP	8/27/92 ✓
<u>JS</u>	<u>✓</u>	5,292,127	3/8/94	Kelly et al.	273	138 R	10/2/92 ✓
<u>JS</u>	<u>✓</u>	5,611,730	3/18/97	Weiss	463	20	4/25/95 ✓

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		<u>Application Number</u>	<u>Date</u>	<u>Filing Date</u>	<u>Inventor</u>
<u>JS</u>	<u>✓</u>	GB 2 151 054 A	7/10/85	10/20/83	Neale et al. ✓
<u>JS</u>	<u>✓</u>	WO 94/12256	6/9/94	11/30/93	Morris et al. ✓
<u>JS</u>	<u>✓</u>	AU B 13023/92	9/24/92	3/19/92	Frankovic ✓
<u>JS</u>	<u>✓</u>	AU B 10488/92	7/30/92	1/24/92	Okada ✓
<u>JS</u>	<u>✓</u>	AU B 53370/86	8/14/86	2/8/85	Frankovic et al. ✓

### OTHER DOCUMENTS

<u>Exam Init</u>	<u>Ref</u>	<u>(Including Author, Title, Date, Pertinent Pages, Etc.)</u>
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Examiner: James Schach

Date Considered: 7/19/99

## PATENT APPLICATION

Atty. Docket No.: 4164-55  
Applicant: John F. Acres et al.  
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#10INFORMATION DISCLOSURE CITATION  
FORM PTO-1449 (Modified)U.S. PATENT DOCUMENTS

<u>Exam</u> <u>Init</u>	<u>Ref</u>	<u>Document</u> <u>Number</u>	<u>Issue</u> <u>Date</u>	<u>Name</u>	<u>Sub-</u> <u>Class</u>	<u>Class</u>	<u>Filing</u> <u>Date</u>
<u>JS</u>	<u>✓</u>	4,844,464	7/4/89	Berge	138A	273	11/3/87 ✓
<u>JS</u>	<u>✓</u>	5,016,880	5/21/91	Berge	138A	273	2/15/90 ✓
<u>JS</u>	<u>✓</u>	5,242,163	9/7/93	Fulton	85 CP	273	8/27/92 ✓

FOREIGN PATENT DOCUMENTS

<u>Application</u> <u>Number</u>	<u>Date</u>	<u>Filing</u> <u>Date</u>	<u>Inventor</u>
<u>JS</u> ✓ WO 94/12256	6/9/94	11/30/93	Morris et al. ✓
<u>JS</u> ✓ AU 21618/95	1/4/96	6/9/95	LeStrange et al. ✓

OTHER DOCUMENTS

<u>Exam</u> <u>Init</u>	<u>Ref</u>	<u>(Including Author, Title, Date, Pertinent Pages, Etc.)</u>
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Examiner:

Jones Schief

Date Considered:

3/29/98

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FEB 11 1999  
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